

DRILL GRIPPING DEVICE AND METHOD

Abstract

A drill gripping device is shown with an inexpensive and compact design. In
5 one embodiment, an inexpensive and more compact design is possible through the
use of a single actuator with a single gripping portion of a drill gripping device.
Embodiments of drill gripping devices shown are further reduced in price and size
due to a force amplification device such as a camming arm. Alternatively, an
increased gripping force is possible using an existing size actuator. A drill gripping
10 device is shown with increased precision in gripping. A pair of gripping jaws are
synchronized to improve jaw centering capabilities.